

Lebanon Valley College BULLETIN

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No. 4

EXTENSION SCHOOL ANNOUNCEMENTS

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LEBANON VALLEY COLLEGE
ANNVILLE, PA.

Extension School Committee

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SAMUEL H. DERICKSON, M.S., Sc.D., *Chairman of Committee on Extension School*

HIRAM H. SHENK, A.M.....*Professor of History*

A. B., Ursinus College, 1899; A. M., Lebanon Valley College, 1900; Student, University of Wisconsin, summer term; Instructor in Political Science, Lebanon Valley College, 1899-1900; Professor of History and Political Science, 1900-1916; Custodian of Public Records, Pennsylvania State Library, 1916 to date; Instructor in Y. M. C. A. Summer Schools, Blue Ridge, N. C., 1916-1920, Silver Bay, 1918, and Lake Geneva, 1921; Educational Secretary, Army Y. M. C. A., Camp Travis, 1917-1918; Professor of History, Lebanon Valley College, 1920—

SAMUEL H. DERICKSON, M.S., Sc.D., *Professor of Biological Science*

B. S., Lebanon Valley College, 1902; graduate student, Johns Hopkins University, 1902-1903; M. S., Lebanon Valley College, 1903; Sc.D., Lebanon Valley College, 1925; Professor of Biological Science, Lebanon Valley College, 1903; Land Zoologist, Bahama Expedition, Baltimore Geographical Society, summer 1904; Director, collection of Eocene and Miocene Fossils for Vassar College, summer 1908; Student, Marine Biology, Bermuda, summer 1909; Student Tropical Botanical Gardens, Jamaica, summer 1910; Student Brooklyn Institute of Arts and Sciences, summer 1911; Acting President of Lebanon Valley College, summer 1912; Member American Association for the Advancement of Science, The Botanical Society of America, the Phytopathological Society of America.

CHRISTIAN R. GINGRICH, A.B., LL.B.....*Professor of Social Science*

A. B., Franklin and Marshall College, 1911; Principal of High School, Alexandria, Pa., 1911-1912; Principal of High School, Linglestown, Pa., 1912-1913; LL.B., University of Pennsylvania Law School, 1916; Member of Law Bar of Lebanon County and of Pennsylvania Supreme Court Bar; Professor of Political Science and Economics, Lebanon Valley College, 1916—

ANDREW BENDER, Ph.D.....*Professor of Chemistry*

A. B., Lebanon Valley College, 1906; Ph.D., Columbia University, 1914; Professor of Chemistry and Physics, Lebanon Valley College, 1907-1909; Instructor in Analytical Chemistry, Columbia University, 1912-1914; In Industrial Chemistry, 1914-1921; Chief Chemist, Aetna Explosives Company; Chemical Director, British American Chemical Company; Director of Control Laboratory, The Barrett Company; Professor of Chemistry, Lebanon Valley College, 1921—

ROBERT R. BUTTERWICK, A.M., B.D., D.D., *Professor of Philosophy and Bible*

A. B., Lebanon Valley College, 1901; A. M., *ibid.*, 1904; B. D., Bonebrake Theological Seminary, 1905; D.D., Lebanon Valley College, 1910; twenty-six years in the Ministry; Professor of Philosophy and Religion, Lebanon Valley College, 1921-1922; Professor of Philosophy and Bible, 1922—

HAROLD BENNETT, Ph.D., *Josephine Bittinger Eberly Professor of Latin Language and Literature*

B. A., Victoria College, University of Toronto, 1915; military service with Canadian Expeditionary Forces, 1915-1918; Fellow in Latin, University of Chicago, 1919-1921; Ph.D., University of Chicago, 1921; Professor of Latin, College of Charleston, Charleston, S. C., 1921-1922; Professor of Latin Language and Literature, Lebanon Valley College, 1922—

ETHEL MARY BENNETT, B.A., *Professor of French Literature and German*

B. A., Victoria College, University of Toronto, 1915; in charge of Modern Language Department, Ontario Ladies' College, Whitby, Ont., 1915-1919; Tutor in French and German, University of Chicago, 1920-1921; Graduate Student, Univ. of Chicago, Summer, 1922; Professor of French Literature, Lebanon Valley College, 1922—

BRUCE HAMPTON REDDITT, A.M.....*Professor of Mathematics*

A. B., Randolph-Macon College, 1910; A. M., Johns Hopkins University, 1923; Instructor, Randolph-Macon Academy, Front Royal, Va., 1911-1913; Principal, Columbia (La.) High School, 1914-1916; Instructor, Washington & Lee University, 1916-1917; Instructor, Baltimore Polytechnic Institute, 1917-1919; Assistant in Mathematics, Johns Hopkins University, 1919-1923; Professor of Mathematics, Lebanon Valley College, 1923—Member of The Mathematical Association of America.

O. EDGAR REYNOLDS, A.B., M.A., *Professor of Education and Psychology*

Teacher, Principal and Superintendent of Schools, 1903-1913; Diploma, Illinois State Normal University, 1914; A. B., University of Illinois, 1916; M. A., Columbia University, 1917; Head of the Department of Education and Psychology, College of Puget Sound, 1917-1920; Student Leland Stanford University, Summer quarter, 1920; Professor of Psychology and Education, University of Rochester, 1920-1923; Student Columbia University, Summers 1921 and 1922; Completed course and residence requirements for Ph.D. Degree, Columbia University, 1923-1924; Assistant in School Administration, Teachers College, Columbia University, Summer 1924; Professor of Education and Psychology, Lebanon Valley College, 1924—

PAUL A. W. WALLACE, Ph.D.*Professor of English*

B. A., Victoria College, University of Toronto, 1915; Graduate study, Columbia University, summer 1921; M. A., University of Toronto, 1923; Ph.D., University of Toronto, 1925; Travel in England and Europe, 1910-1911, 1914, 1919; Military service with the Canadian Expeditionary Force, 1916-1918; Lecturer in English, University of Alberta, 1919-1922; Instructor in English, University of Toronto, 1923-1925; Professor of English, Lebanon Valley College, 1925.

GENERAL STATEMENT

FROM time to time members of the Faculty of Lebanon Valley College have been called upon to conduct "extension courses" in various places, so as to meet the needs of such persons as found it impossible to attend the courses given within the college. The service developed very naturally, and almost unnoticed. The college is always willing and ready to extend its services where they are needed and appreciated. To those who have so loyally supported and encouraged the success of this movement the college is greatly indebted. It hopes to meet this obligation by employing its educational facilities in a manner productive of the greatest service to those interested in educational advancement. Accordingly, the college will be glad to receive requests from groups who desire courses other than these, and to arrange, whenever possible, to supply such instruction as may be desired.

The courses offered are, for the most part, intended primarily for those engaged in teaching. However, all other qualified persons will be admitted to extension courses, and some courses are more or less definitely planned to meet the needs or interests of persons outside of the teaching group. All courses will be taught by members of the College Faculty, and will be of college grade and receive credit as such. Inasmuch as Lebanon Valley College is an accredited institution, on the first list of colleges and universities, persons who complete these courses may safely assume that their credits will be honored wherever they may be presented. The credits earned in these courses will be counted by Lebanon Valley College towards its Baccalaureate degrees.

CALENDAR

Each class will meet for thirty sessions at the specified time each week from September to May, exclusive of Thanksgiving, Christmas and Easter recesses. The first meeting of each group will be held in the week of September 28.

REGISTRATION

Registration may be made at the time and place of the first meeting of the classes. All those who are interested are invited to attend the first meeting of any class, at which time questions may be asked and the nature of the work more fully explained.

REQUIREMENTS FOR ADMISSION

(a) **For College Credit**

College credit will be given only to those who have fulfilled the College Entrance Requirements as described on pages 26-27 of the regular College Catalogue.

(b) **Without College Credit**

A limited number of persons whose preparation may not meet the requirements as set forth above may be admitted to courses at the discretion of the instructors.

COURSES LEADING TO THE BACCALAUREATE DEGREES

An effort is being made by the College to offer in the Extension Department and the Summer Session all the General Requirements for the Baccalaureate degree. Most of these courses are announced for the present year, and the remainder will be made available at an early date. In cases where six semester hours are required, the departments will normally offer four hours in Extension work and a two hour supplementary course in Summer School. The residence requirement of one year may be met by attendance at Summer School. In this way the Baccalaureate degree will be made available to those who are not able to attend the regular annual College sessions.

For the convenience of those working towards a degree, a full statement of the requirements is printed below:

ARRANGEMENTS OF COURSES OF STUDY

Lebanon Valley College offers three courses of study leading to the Baccalaureate degree:

- (1) A course leading to the degree of Bachelor of Arts (A.B.)
- (2) A course leading to the degree of Bachelor of Science (B.S.)
- (3) A course leading to the degree of Bachelor of Science in Education (B.S. in Ed.)

The total number of credits required of candidates for these degrees is the same in each case, and will in 1927 and thereafter be 126 semester hours. In the interim the following requirements will apply: 1926—129 semester hours.

As part of this total requirement, every candidate must present at least 24 semester hours in one department (to be known as his Major), and at least 16 semester hours in another department (to be known as his Minor). Both Major and Minor must be selected not later than the beginning of the Junior year, the Minor to be

suitably related to the Major, and chosen with the advice and approval of the Head of the Major department.

The A.B. degree will be awarded to those fulfilling the requirement for a Major in the following departments: Bible and New Testament Greek, English, French, German, Greek, History, Latin, Mathematics (Arts option), Political and Social Science, Philosophy and Religion.

The B.S. degree will be awarded to those fulfilling the requirements for a Major in the following departments: Biology, Chemistry, Mathematics (Science option), Physics.

The B.S. in Ed. degree will be awarded to those fulfilling the requirements for a Major in Education, but in this case two Minors of not less than 16 semester hours each must be presented.

GENERAL REQUIREMENTS

Certain courses, embodying the fundamentals of a liberal education, are required of all students. These courses, which vary slightly according to the degree sought, are as follows:

A.B.	B.S.	B.S. in Ed.
Bible 14, 54.	Bible 14, 54.	Bible 14, 54.
English 12, 14, 26.	English 12, 14, 26.	English 12, 14, 26.
*French 16 or German 16.	French 16 or German 16.	French 16 or German 16.
History 46.	History 46.	History 46.
†Latin 16 or Math. 13, 23.	Mathematics 13, 23, 36.	Latin 16 or Math. 13, 23.
Philosophy 23, 33, or Economics 16 or Pol. Science 16 or Sociology 16.	Philosophy 13, 23, or Economics 16 or Pol. Science 16 or Sociology 16.	Psychology 12, 22 Economics 16 or Pol. Science 16 or Sociology 16.
Biology 18 or Chemistry 18, or Physics 18.	Biology 18. Chemistry 18. Physics 18.	Biology 18 or Chemistry 18, or Physics 18.
Physical Education 11, 21.	Physical Education 11, 21.	Physical Education 11, 21.

* Twelve semester hours of Foreign Language are required of all candidates for the A. B. degree; six hours of this total must be from French 16 or German 16.

† Latin is required of all students majoring in English, French, Greek or Latin.

For explanation of numbers used above see the departmental announcements.

SPECIAL REQUIREMENTS

In addition to the General Requirements listed above, some of the departments require students majoring therein to take certain additional courses in subjects closely related to the Major.

Students outlining a course for a degree should communicate at

once with the Head of the Department in which they intend to Major.

Candidates for the Baccalaureate degree who desire to be admitted to advanced standing, by virtue of work done in other institutions, should lose no time in having their credits evaluated by the Registrar, in order that they may be informed as to what requirements they must still meet for graduation.

THE MASTER'S DEGREE

Some of the courses offered in the Extension Department may be taken for credit towards a Master's degree, provided arrangements are made in advance with the instructor. Some extra work will be required, such as additional reading, reports, experiments, etc. The complete regulations governing graduate work for the degrees of A.M. and M.S. may be obtained upon application to the Registrar of the College.

PLACE AND TIME OF CLASSES

In Harrisburg the classes will meet in the Technical High School. Lebanon classes will meet in the Harding Junior High School. Classes meeting in the college at Annville are specifically so noted.

Classes will regularly meet for one two hour period each week, the time of meeting to be arranged by the instructor and students at the organization meeting of each course.

WITHDRAWAL OF COURSES

Any of the courses announced in this bulletin may be withdrawn in case the registration is not sufficient to justify the forming of a class. Ten registrations will be considered sufficient for courses to be given at Annville, and twenty registrations for courses to be given in the other places.

SCHEDULE OF ORGANIZATION MEETINGS

Harrisburg—Technical High School Building, Sept. 28, 7:00 P. M.
Lebanon—Harding Junior High School Building, Sept. 29, 7:00 P. M.

EXPENSES

A fee of \$2.00 will be charged for matriculation and registration in the case of all who have not previously matriculated in the college. The tuition charge for extension courses will be \$6.00 for each credit point, a point being a semester hour. For example, the charge for matriculation and registration in courses leading to eight points credit would be \$50.00. This is approximately the regular fee for tuition in the college. Fees for the first term are due and payable

on or before October 12 and for the second term, on or before February 8. *Remittances should be made to Lebanon Valley College, and may be sent by mail to Agent of Finance Committee.*

BIOLOGY

Dr. Derickson

The Department of Biology aims to offer in extension courses to teachers the courses in Biological Science required for graduation with the degree of Bachelor of Arts or Bachelor of Science in Education, or in the fulfillment of the requirements of a minor in Biology. The courses offered also constitute the first three courses required of those majoring in Biology.

The courses include a course in General Biology, one in Botany and one in Zoology. Not all of the courses are offered in the same year. The course in General Biology was given in 1923-24. The course in Botany was given last year and the course in Zoology will be offered in 1925-26.

While a course in General Biology will prove very helpful to those pursuing the courses in Botany and Zoology, the latter are so arranged that they may be taken without the former.

Each of the courses is divided into two parts. Part one consists of lectures, demonstrations and recitations. Part two consists of laboratory and field work.

The following will be offered this year:

E-38. Zoology. Part One. Two hours. Throughout the year. Lectures, demonstrations and recitations.

The object of the course is to give the student a broad, general knowledge of the animal kingdom. The lectures will give a general survey of the animal kingdom from the simplest to the most complex, giving consideration to structure, physiological processes, life history, ecological relationships and economic importance. Each animal studied will be viewed from the standpoint of its origin and constant comparison with others.

The course, although inculcating the scientific habit of thought, will emphasize the cultural rather than the technical aspects of the subjects. Credit, 4 semester hours.

Part Two. Two hours. Throughout the year. Laboratory and field work.

Representatives of practically every class in the animal kingdom will be studied in the laboratory with reference to structure and life history and in the field to ascertain their ecological relationships. In this work the student has the opportunity to get, by personal

observation, concrete ideas of the principles and generalizations discussed in Part One.

Methods of conducting field work, of collecting materials for laboratory and reserving same for museum or demonstration, the preparation of microscopic slides, etc., are included in this part of the course. Credit, 4 semester hours.

The laboratory work is given only at the college laboratory at Annville, where every modern facility for conducting the work is provided. Each student is furnished with compound microscope, dissecting instruments, apparatus for experiments, note book and drawing materials, for which a laboratory fee of six dollars per semester is charged in addition to the tuition for the course. Field trips are made to several points of interest. Materials are available for those who desire to prepare specimens for use in teaching.

CHEMISTRY

Dr. Bender

The college offers this year two lecture demonstration courses in chemistry.

E-14. General Chemistry. Two hours. Throughout the year. An introduction to the study of chemistry, including a study of the elements, their classification and properties, and a study of the important compounds of each element. During the course constant reference is made to manufacturing and industrial processes, and interpretation of the phenomenal material development of the present century is made in the light of the rapid increase in chemical knowledge. Each lecture will be illustrated by lecture experiments and the use of charts and industrial products. Credit, 4 semester hours.

The laboratory work of this course can, if desired, be done on Saturdays in the College laboratories, for which an additional credit of four semester hours will be given. The course thus offered is equivalent to Course Chemistry 18 offered in the College.

E-24. Organic Chemistry. Two hours. Throughout the year. A study of the sources, classification and type reactions of organic materials, of food-stuffs and their relation to nutrition, dyes, pharmaceuticals, explosives, coal tar intermediates, manufacturing processes and recent developments in this field of Chemistry. The course will include a carefully selected series of demonstrations, the display of a large number of representative materials, and the use of about one hundred charts specially designed and prepared by the instructor. A knowledge of the elements of Chemistry will be assumed. Credit, 4 semester hours.

The laboratory work of this course can, if desired, be done on

Saturdays in the College laboratories for which an additional credit of four semester hours will be given. The course thus offered is equivalent to Course Chemistry 48 offered in the College.

EDUCATION AND PSYCHOLOGY

Prof. Reynolds

The following courses will be offered at Annville and may count toward residence requirements. If a sufficient number desire one or more of the courses at some center other than Annville, it may be possible to arrange for them to be given.

E-12. Introductory Psychology. Two hours. First semester. This course analyzes the facts of our mental life, showing their relation to the bodily mechanisms which explain behaviour and their application to the art of living. 8:00 to 10:00 Saturday. Credit, 2 semester hours.

E-242. School Administration. Two hours. First semester. A course dealing with essential principles in the organization, financing and government of village and city school system. The several agencies involved—school boards, superintendent, principals, teachers, classification of pupils, etc., administrative methods of selected schools, and recent literature on the subject will receive consideration. Lectures, discussions, oral and written reports. 10:00 to 12:00 Saturday. Credit, 2 semester hours.

E-22. Educational Psychology. Two hours. Second Semester. Emphasis on the topics of general psychology which form the basis for the study of the problems of education. Special emphasis will be given to innate tendencies; in individual differences; their measurement; their significance; and the learning process. 8:00 to 10:00 Saturday. Credit, 2 semester hours.

E-82. Educational Measurements. Two hours. Second semester. An intensive study of the various elementary and secondary school fields in which educational measurements can be made. Practical experience in measuring is provided. A full set of illustrative test material is furnished each student for which a fee of \$1.00 is charged.

This course is of fundamental interest to school administrators as well as for the teacher interested in measuring results of instruction. Saturday 10:00 to 12:00. Credit, 2 semester hours.

ENGLISH

Dr. Bennett

92. Classical Mythology in English Literature. Two hours. First semester.

This course will begin with a study of Classical Mythology. Lectures will be given on such subjects as: the growth of myths and their

meaning; the Theogony (Race of Gods); the association of myth and ancient religion; the use of mythology in literature. The chief myths will be studied by outside reading and class reports. In the latter part of the course certain minor poems of Milton and of other English poets will be studied with special attention to mythological allusion. Credit, 2 semester hours.

ENGLISH

Dr. Wallace

62. Shakespeare. Two hours. Second semester. A study of Shakespeare, the man, and his environment, with special reading of five selected plays: Romeo and Juliet, Henry IV (Parts I and II), Twelfth Night, Hamlet. Credit, 2 semester hours.

If there is sufficient demand, other courses in English may be offered.

GERMAN

Mrs. Bennett

E-04. Elementary German. Two hours. Throughout the year. A beginners' course in German grammar, including the study of forms and syntax, with the composition of easy sentences and the reading of some simple German prose.

To be offered at Annville on Saturday morning. Credit, 4 semester hours.

E-14. First year College German. Two hours. Throughout the year. Grammar, composition, and the reading and interpretation of texts of intermediate difficulty.

To be offered at Annville on Saturday morning. Credit, 4 semester hours.

This course combined with German S-12 which is offered in the Summer School will be accepted as meeting the Modern Language requirement for the Baccalaureate degree.

LATIN

Courses in Latin meeting the requirements for the College credit will be arranged provided there is sufficient demand.

HISTORY

Prof. Shenk

E-44. History of United States to Recent Times. Two hours. Throughout the year.

First semester: A study of the Political and Social History of the United States from the European Beginning to the close of the War of 1812. Emphasis will be placed on the place of

Pennsylvania in our National History. Hockett: Political and Social History of the United States.

Second semester: Political and Social History of the United States from the close of the War of 1812 to the end of the Civil War. Special stress will be placed on the source material of the History of Pennsylvania during this period. Schlesinger: Political and Social History of the U. S. Credit, 4 semester hours.

(History S-42. Summer Session 1926. Recent History of the United States.)

History E-44 and S-42 are equivalent to History 46 required in the Senior year of candidates for the Baccalaureate degree.

MATHEMATICS

Prof. Redditt

E-14. Advanced Algebra. Two hours. Throughout the year.

This course covers the usual topics, including the graphical representation of functions, the application of the quadratic equation in problems involving the idea of maxima and minima, the binomial theorem, the theorem of undetermined coefficients, logarithms, permutations and combinations, the evaluation of determinants and their application in the solution of simultaneous equations, partial fractions, the general theory of equations, infinite series, etc. Credit, 4 semester hours.

The course outlined above, if followed by the two-point course in Trigonometry offered in the summer session, 1926, will be accepted as fulfilling the requirements of the freshman course (six points) for the bachelor's degree.

SOCIAL SCIENCE

Prof. Gingrich

E-14. Economics. Two hours. Throughout the year.

An introductory course including the careful study of the fundamental principles of the existing economic order; an outline of the development of economic thought; and an extended consideration of modern economic problems. Credit, 4 semester hours.

E-34. American Government and Politics. Two hours. Throughout the year.

A course designed to give the student a working knowledge of the fundamental laws of Federal and State Government. Much time is given to the study of leading cases. Credit, 4 semester hours.

E-14. Principles of Sociology. Two hours. Throughout the year.

The course is intended to acquaint the student with the various theories of society together with the place of sociology in the general field of learning. Modern social problems are discussed during the second semester. Credit, 4 semester hours.



